FIG. 1

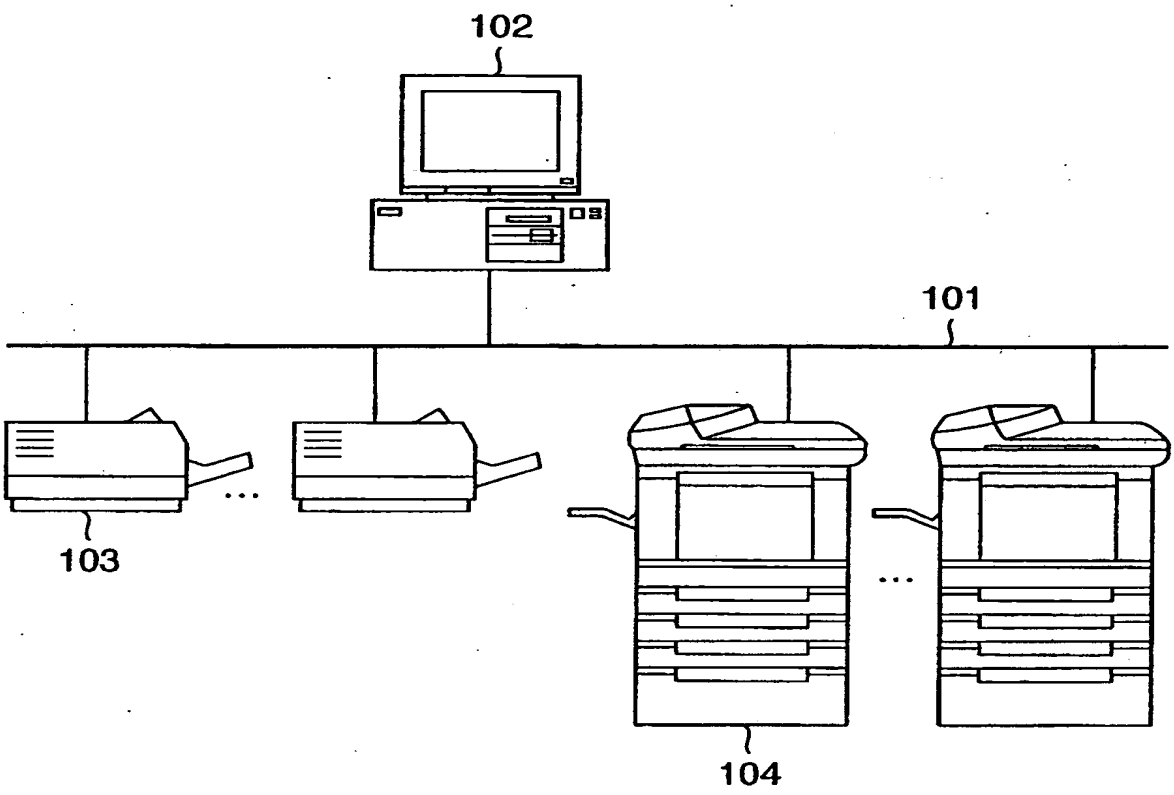


FIG. 2

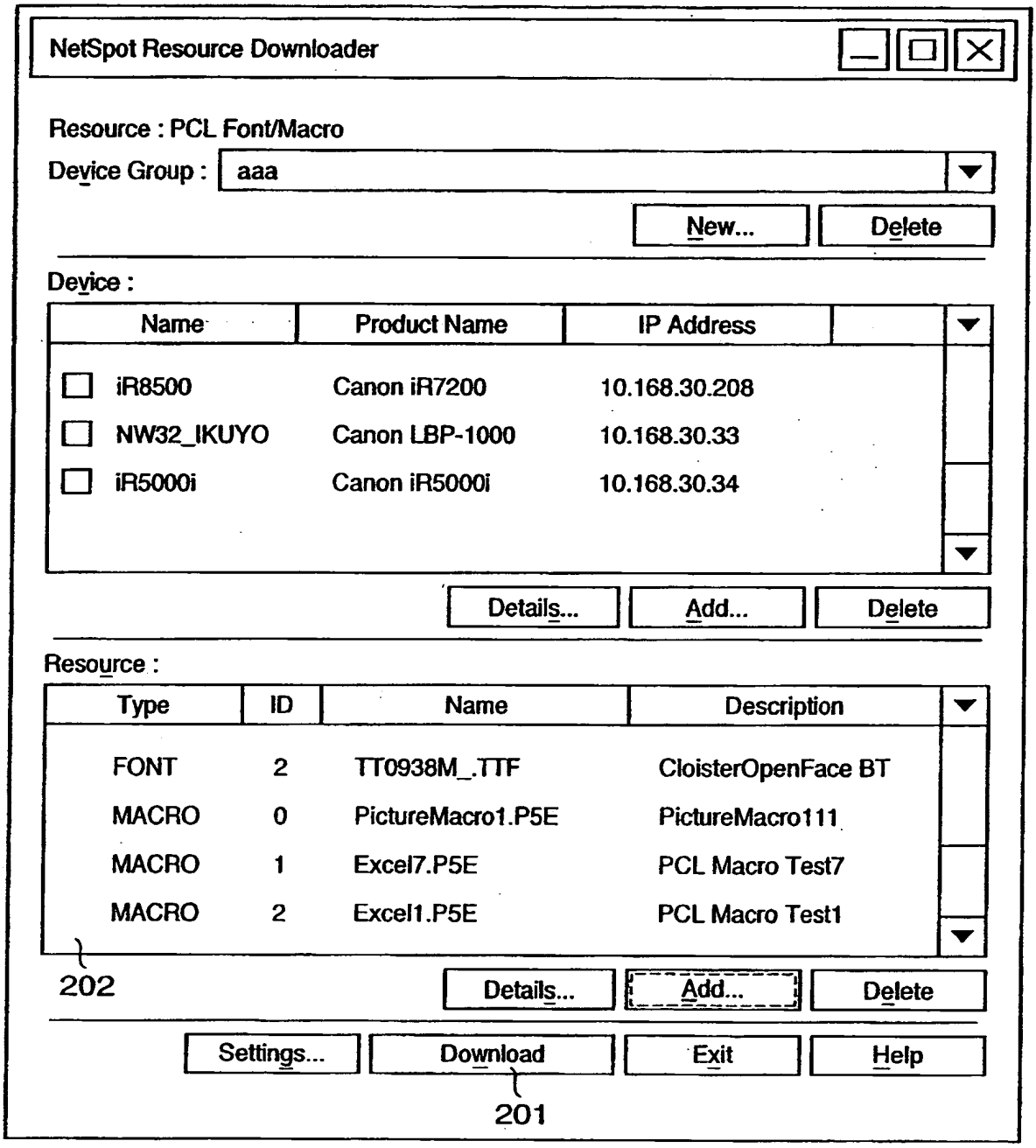

NetSpot Resource Downloader
Resource : PCL Font/Macro
Device Group :
aaa
New...
Delete
Device :
Name
Product Name
IP Address
iR8500
Canon iR7200
10.168.30.208
NW32_IKUYO
Canon LBP-1000
10.168.30.33
iR5000i
Canon iR5000i
10.168.30.34
Details...
Add...
Delete
Resource :
Type
ID
Name
Description
FONT
2
TT0938M_.TTF
CloisterOpenFace BT
MACRO
0
PictureMacro1.P5E
PictureMacro111
MACRO
1
Excel7.P5E
PCL Macro Test7
MACRO
2
Excel1.P5E
PCL Macro Test1
202
Details...
Add...
Delete
Settings...
Download
Exit
Help
201

FIG. 3

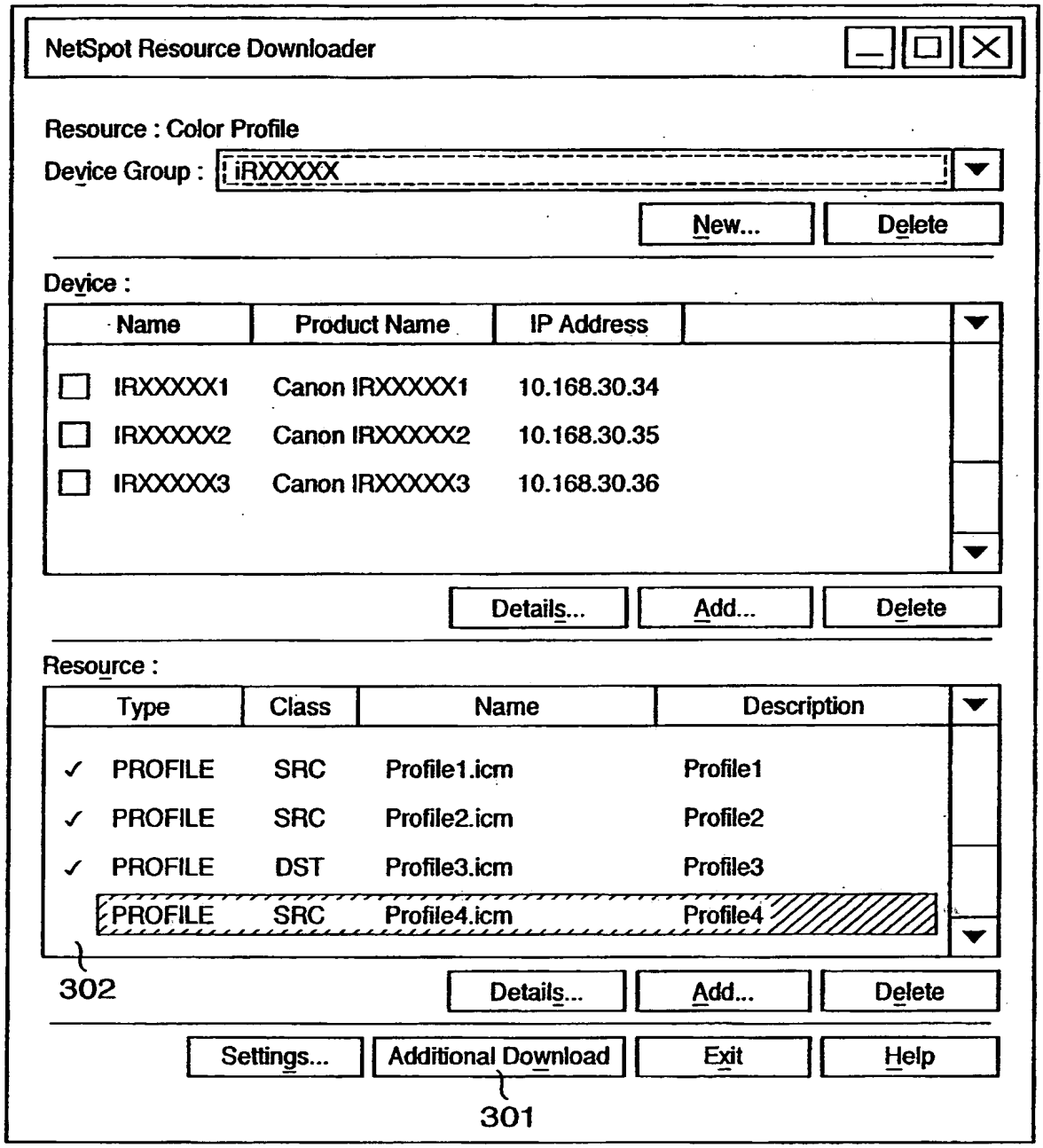

NetSpot Resource Downloader
Resource : Color Profile
Device Group : iRXXXXX
New...
Delete
Device :
Name
Product Name
IP Address
IRXXXXX1 Canon IRXXXXX1 10.168.30.34
IRXXXXX2 Canon IRXXXXX2 10.168.30.35
IRXXXXX3 Canon IRXXXXX3 10.168.30.36
Details...
Add...
Delete
Resource :
Type
Class
Name
Description
PROFILE SRC Profile1.icm Profile1
PROFILE SRC Profile2.icm Profile2
PROFILE DST Profile3.icm Profile3
PROFILE SRC Profile4.icm Profile4
302
Details...
Add...
Delete
Settings...
Additional Download
Exit
Help
301

FIG. 4

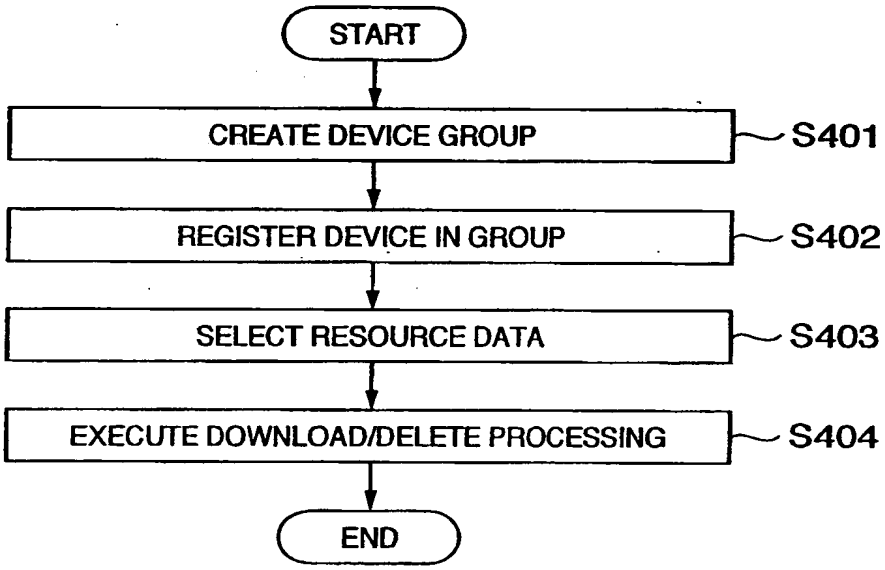

START
CREATE DEVICE GROUP
S401
REGISTER DEVICE IN GROUP
S402
SELECT RESOURCE DATA
S403
EXECUTE DOWNLOAD/DELETE PROCESSING
S404
END

FIG. 5

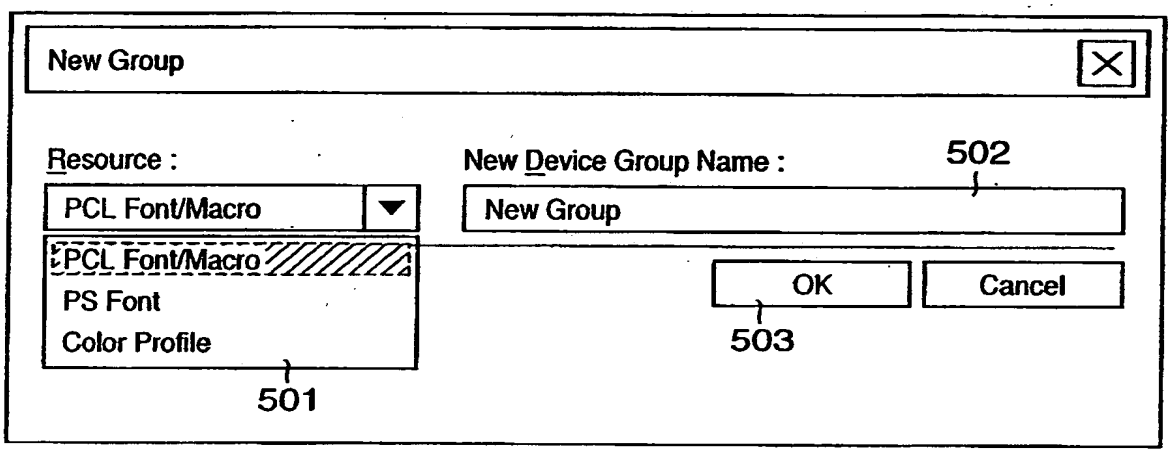

New Group
Resource :
PCL Font/Macro
PCL Font/Macro
PS Font
Color Profile
501
New Device Group Name :
502
New Group
OK
Cancel
503

FIG. 6

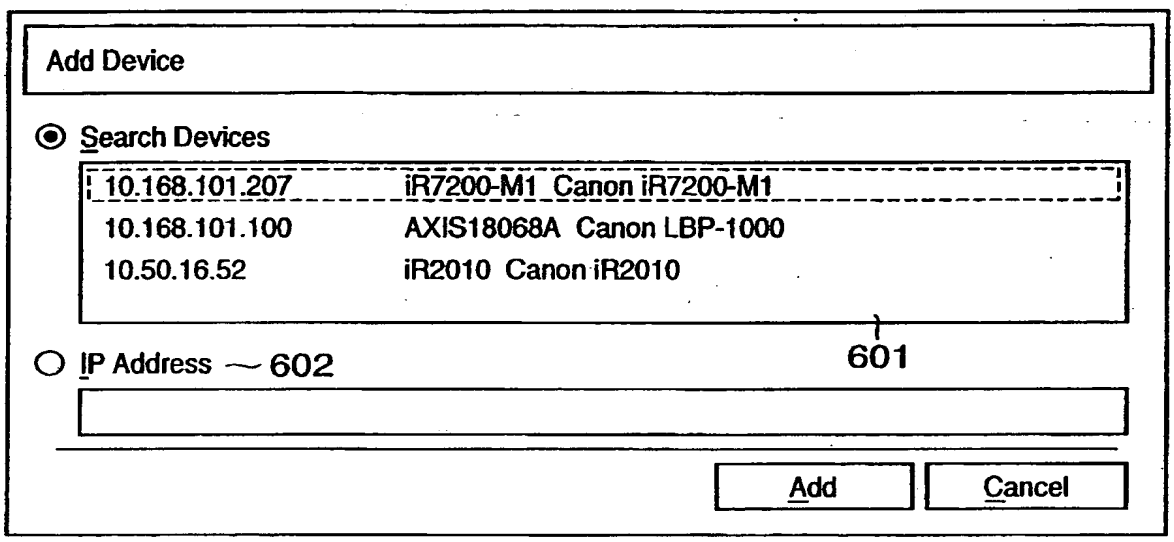

Add Device
Search Devices
10.168.101.207 iR7200-M1 Canon iR7200-M1
10.168.101.100 AXIS18068A Canon LBP-1000
10.50.16.52 iR2010 Canon iR2010
601
IP Address
602
Add
Cancel

FIG. 7

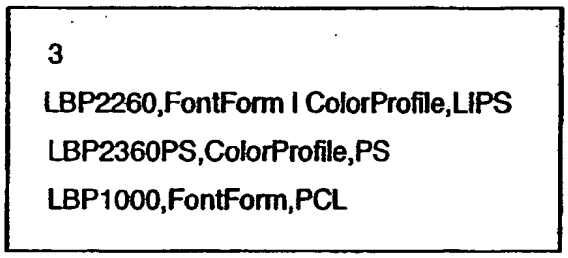

3
LBP2260,FontForm I ColorProfile,LIPS
LBP2360PS,ColorProfile,PS
LBP1000,FontForm,PCL

FIG. 8

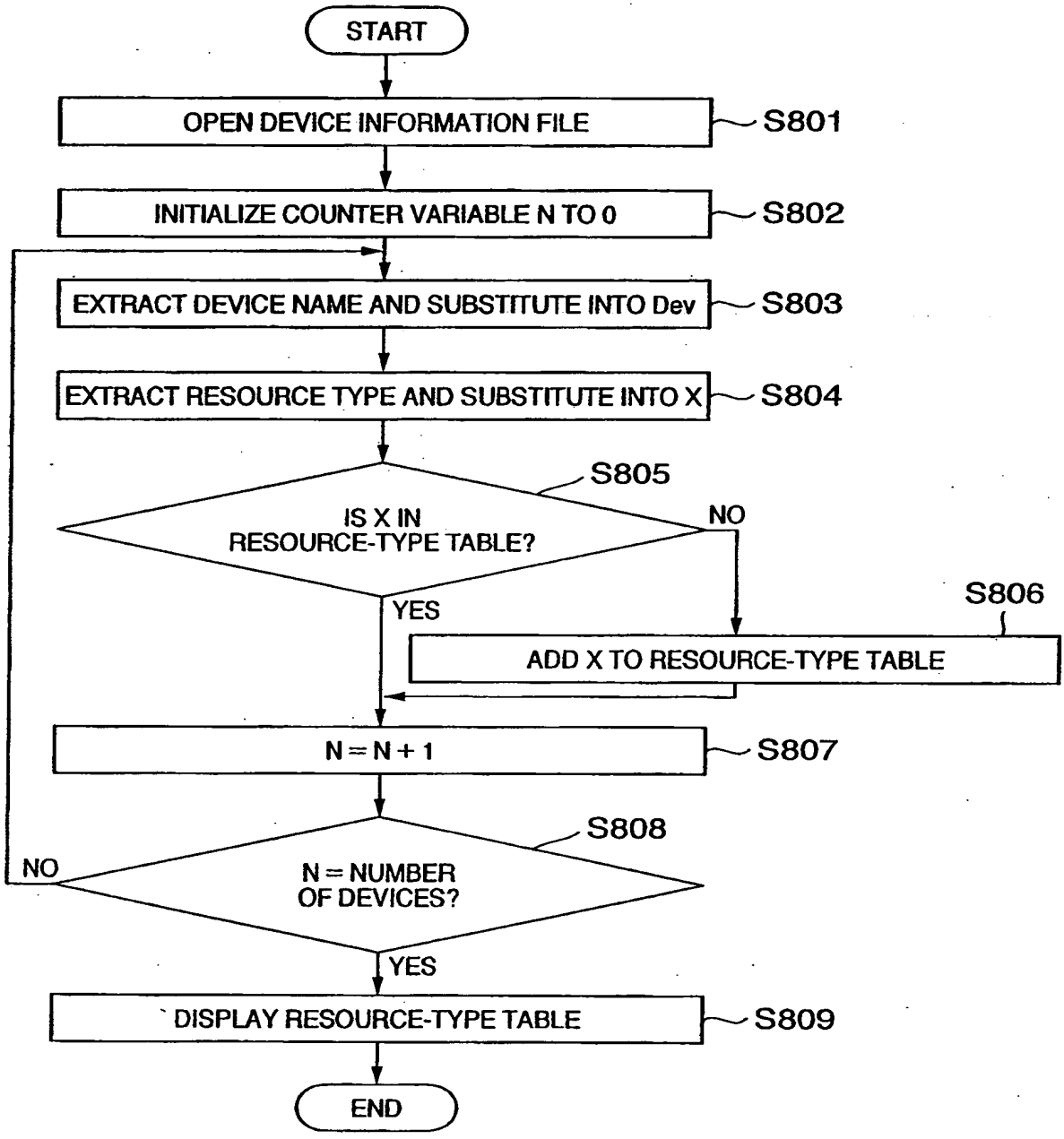

START
OPEN DEVICE INFORMATION FILE
S801
INITIALIZE COUNTER VARIABLE N TO 0
S802
EXTRACT DEVICE NAME AND SUBSTITUTE INTO Dev
S803
EXTRACT RESOURCE TYPE AND SUBSTITUTE INTO X
S804
S805
IS X IN RESOURCE-TYPE TABLE?
NO
YES
S806
ADD X TO RESOURCE-TYPE TABLE
N = N + 1
S807
S808
N = NUMBER OF DEVICES?
NO
YES
DISPLAY RESOURCE-TYPE TABLE
S809
END

FIG. 9A

PDL, RESOURCE MANAGEMENT TABLE

LIPS	Source
PS	Source, Destination, Simulation
PCL	NA
Image	NA

FIG. 9B

MAPPING TABLE FOR MAPPING BETWEEN COLOR PROFILE AND COLOR SPACE

Source	RGB
Destination	CMYK
Simulation	CMYK

FIG. 10

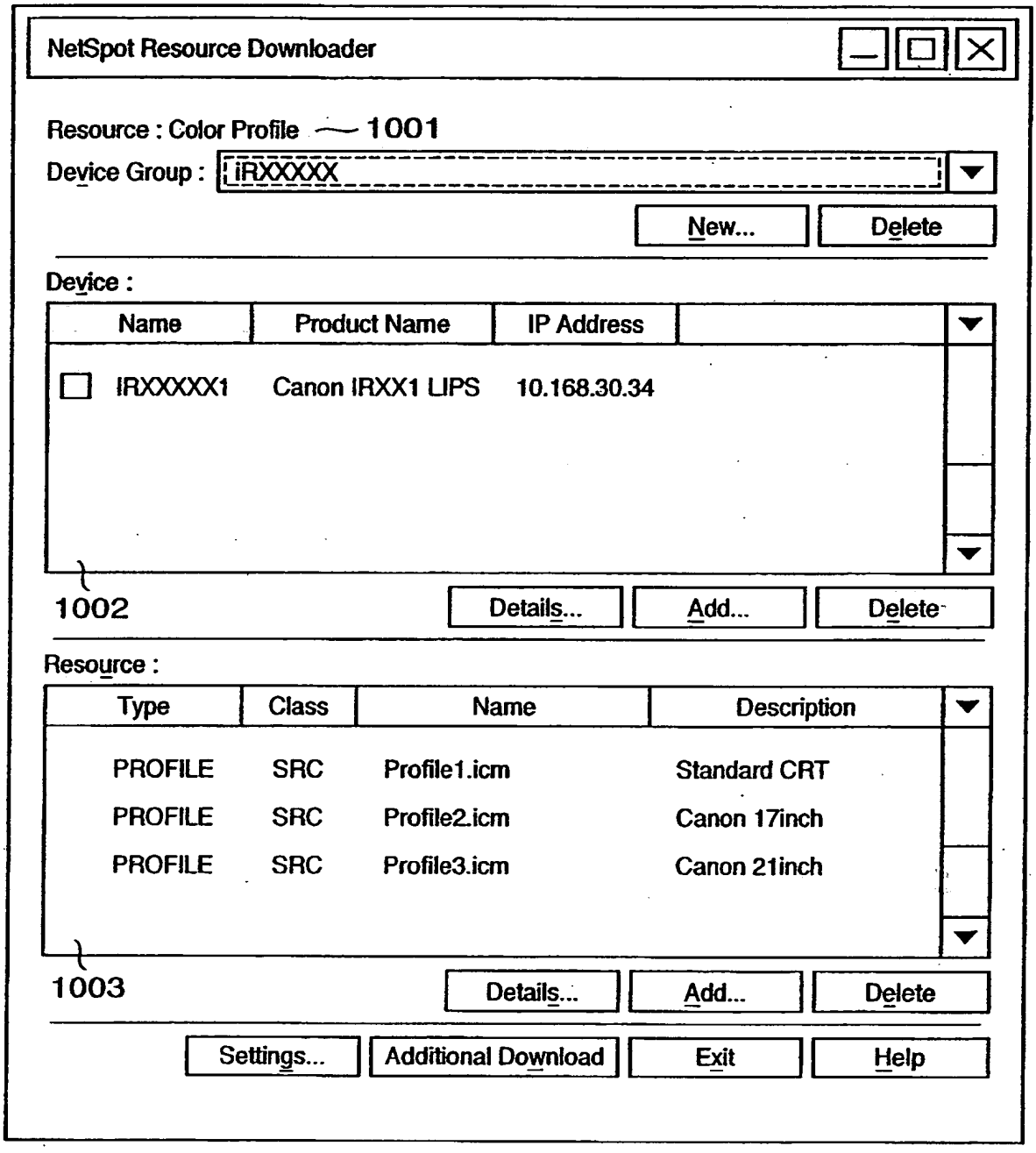

NetSpot Resource Downloader
Resource : Color Profile
1001
Device Group :
iRXXXXX
New...
Delete
Device :
Name
Product Name
IP Address
IRXXXXX1
Canon IRXX1 LIPS
10.168.30.34
1002
Details...
Add...
Delete
Resource :
Type
Class
Name
Description
PROFILE
SRC
Profile1.icm
Standard CRT
PROFILE
SRC
Profile2.icm
Canon 17inch
PROFILE
SRC
Profile3.icm
Canon 21inch
1003
Details...
Add...
Delete
Settings...
Additional Download
Exit
Help

FIG. 11

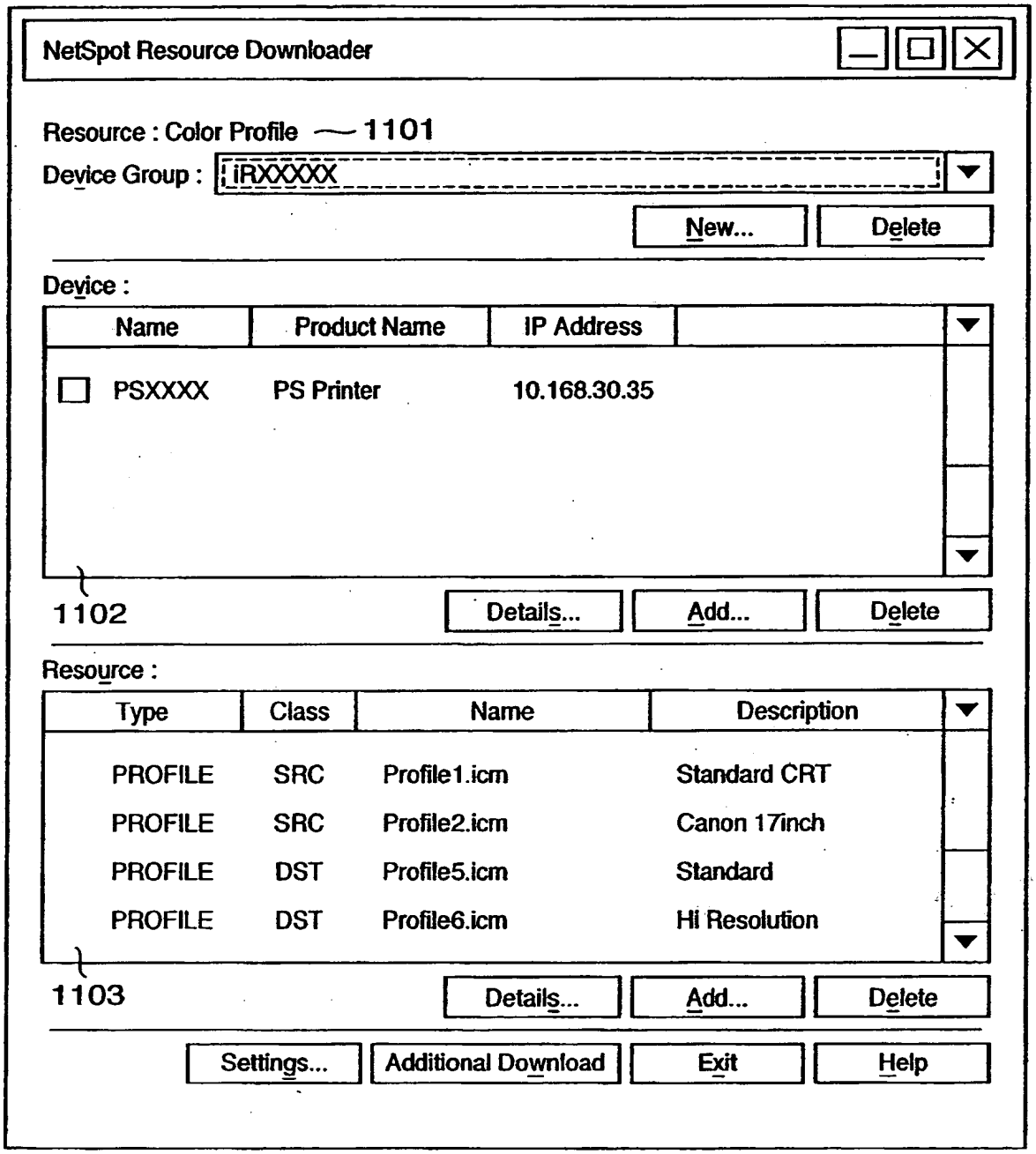

NetSpot Resource Downloader
Resource : Color Profile
1101
Device Group :
iRXXXXX
New...
Delete
Device :
Name
Product Name
IP Address
PSXXXX
PS Printer
10.168.30.35
1102
Details...
Add...
Delete
Resource :
Type
Class
Name
Description
PROFILE SRC Profile1.icm Standard CRT
PROFILE SRC Profile2.icm Canon 17inch
PROFILE DST Profile5.icm Standard
PROFILE DST Profile6.icm Hi Resolution
1103
Details...
Add...
Delete
Settings...
Additional Download
Exit
Help

FIG. 12

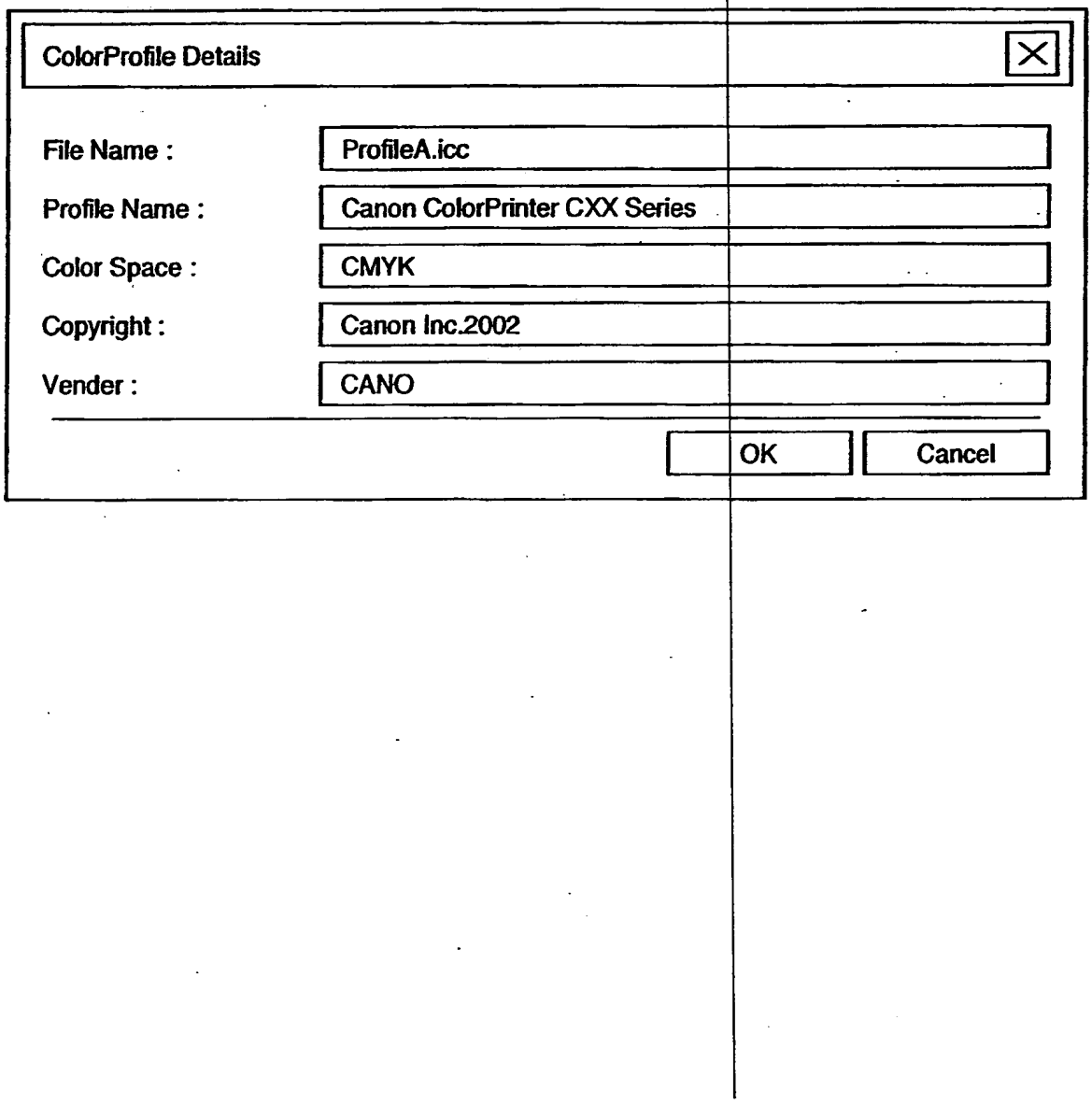

ColorProfile Details
File Name :
ProfileA.icc
Profile Name :
Canon ColorPrinter CXX Series
Color Space :
CMYK
Copyright :
Canon Inc.2002
Vender :
CANO
OK
Cancel

FIG. 13

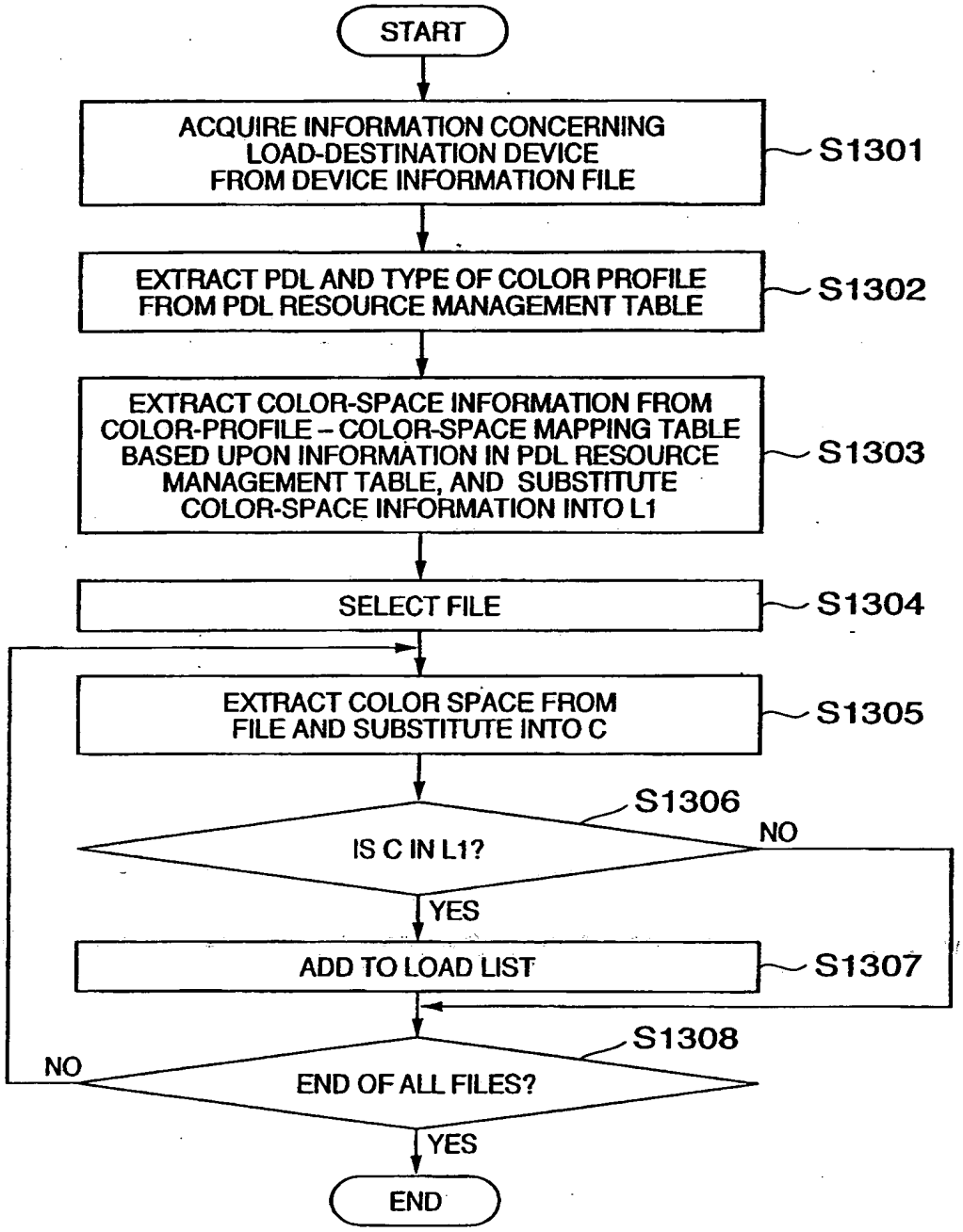

START
ACQUIRE INFORMATION CONCERNING LOAD-DESTINATION DEVICE FROM DEVICE INFORMATION FILE
S1301
EXTRACT PDL AND TYPE OF COLOR PROFILE FROM PDL RESOURCE MANAGEMENT TABLE
S1302
EXTRACT COLOR-SPACE INFORMATION FROM COLOR-PROFILE – COLOR-SPACE MAPPING TABLE BASED UPON INFORMATION IN PDL RESOURCE MANAGEMENT TABLE, AND SUBSTITUTE COLOR-SPACE INFORMATION INTO L1
S1303
SELECT FILE
S1304
EXTRACT COLOR SPACE FROM FILE AND SUBSTITUTE INTO C
S1305
S1306
IS C IN L1?
NO
YES
ADD TO LOAD LIST
S1307
S1308
NO
END OF ALL FILES?
YES
END

FIG. 14

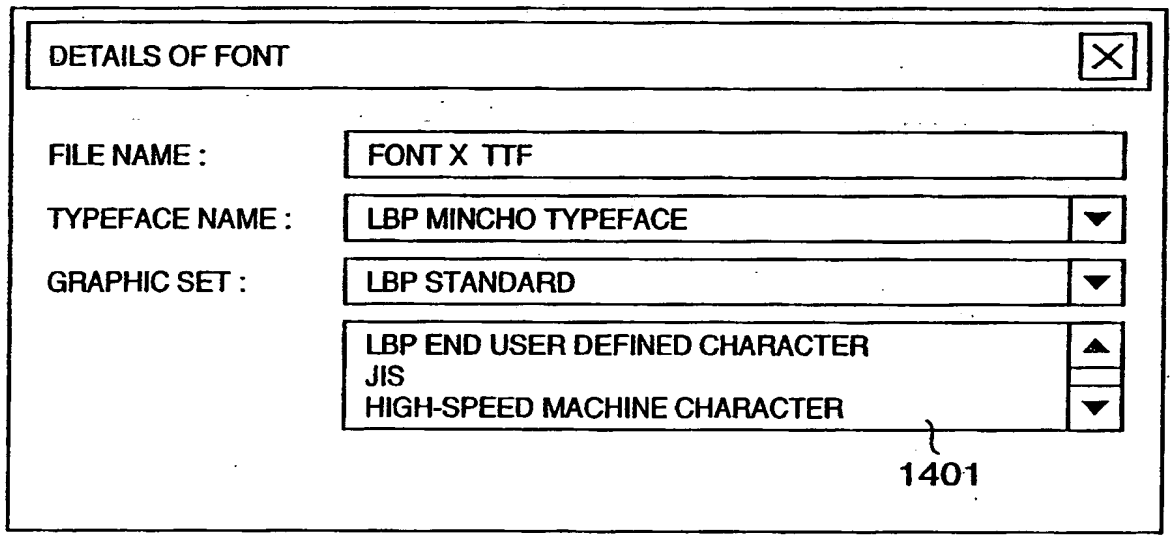

DETAILS OF FONT
FILE NAME :
FONT X TTF
TYPEFACE NAME :
LBP MINCHO TYPEFACE
GRAPHIC SET :
LBP STANDARD
LBP END USER DEFINED CHARACTER
JIS
HIGH-SPEED MACHINE CHARACTER
1401

FIG. 15A

PRINT CHARACTER CODE	INTERNAL CODE
2121	3000
2122	3001
•	•
•	•
•	•

FIG. 15B

PRINT CHARACTER CODE	INTERNAL CODE
5021	E000
5022	E001
•	•
•	•
•	•

FIG. 16

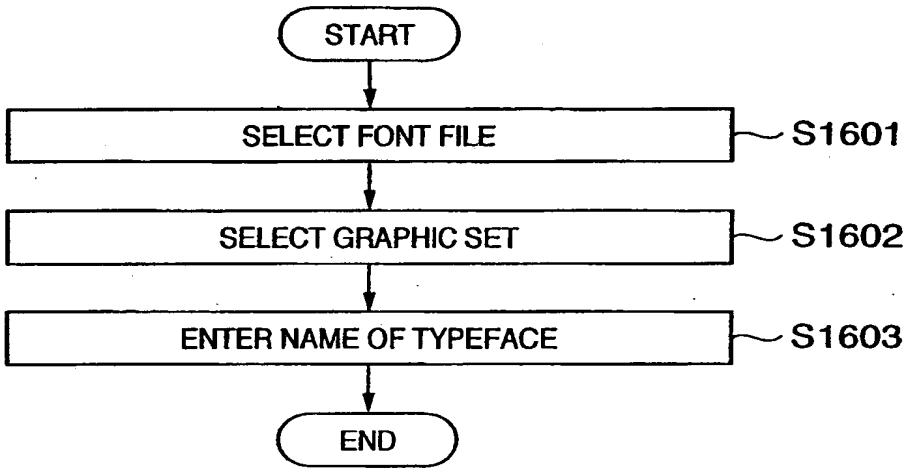
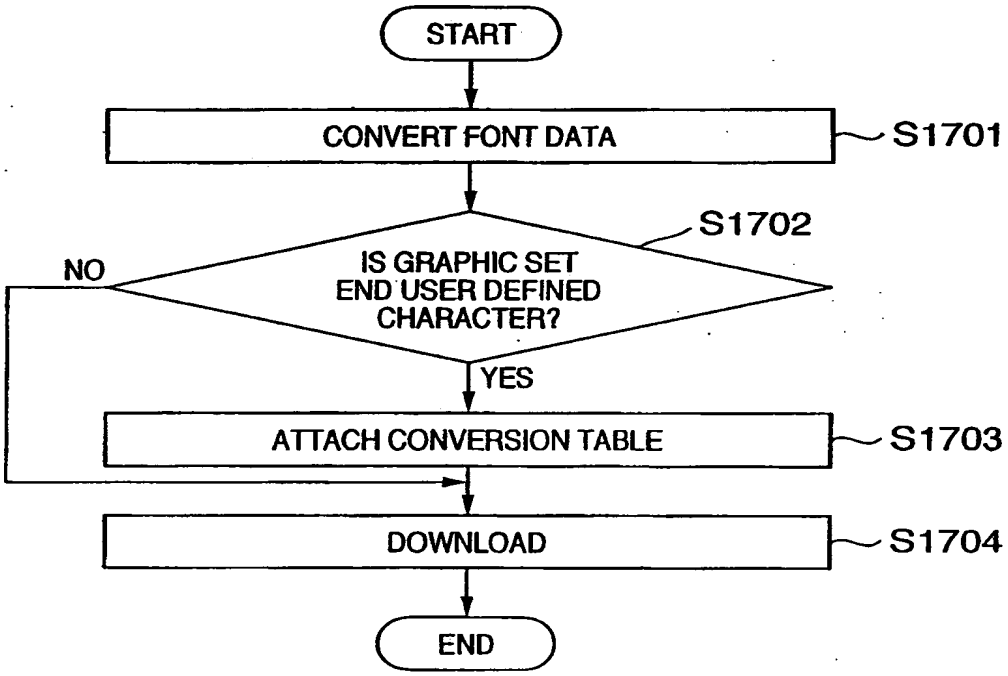

START
SELECT FONT FILE
S1601
SELECT GRAPHIC SET
S1602
ENTER NAME OF TYPEFACE
S1603
END

FIG. 17


START
CONVERT FONT DATA
S1701
S1702
IS GRAPHIC SET END USER DEFINED CHARACTER?
NO
YES
ATTACH CONVERSION TABLE
S1703
DOWNLOAD
S1704
END